

NOVEL GLUTAMATE TRANSPORTERS

ABSTRACT OF THE DISCLOSURE

[0285] This invention pertains to the identification of a novel class of glutamate transporters. In particular, this invention pertains to the discovery that proteins originally considered to perform an entirely different function (BNPI, DNPI, etc.), in fact, transport glutamate into synaptic vesicles. Designated VGLUT glutamate transporters, the transporters provide good targets with which to screen for modulators of glutamate uptake into synaptic vesicles.

10

15

20

file: C:_TOMS DOCS\APPLICATIONS\APPS_QUINELAW\305T UCSF305T-932610PC GLUTAMATE TRANSPORT\305T-923610US
GLUTAMATE.APP.DOC